

**P2 E-News, Volume 2, Number 3  
March 2007**

**Welcome to P2 E-News!**

In this issue of **P2 E-News** we include information on the recent DTSC Nanotechnology Symposium, other upcoming symposiums and workshops, the DTSC Take-it-Back Program, technical and legal resources, and more.

As always, please feel free to tell your friends and associates about **P2 E-News**! Anyone interested in receiving **P2 E-News** is welcome to subscribe using the DTSC Listserv webpage at <http://www.calepa.ca.gov/Listservs/dtsc/> (scroll down to DTSC **P2 E-News** and click on Subscribe).

Got ideas for future issues? Send your comments or suggestions on how we can better serve you to [P2@dtsc.ca.gov](mailto:P2@dtsc.ca.gov), or call the Pollution Prevention Hotline at (800) 700-5854.

\*\*\*Pollution Prevention (P2) - Changing the way we think and act so we can reduce or eliminate the creation of waste and pollution.\*\*\*

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**Nanotechnology Symposium - Presentation Materials Available Online**

If you missed the DTSC Nanotechnology Symposium last week, no worries!! You can still view the presentation materials online at <http://www.dtsc.ca.gov/TechnologyDevelopment/upload/agenda.pdf> (scroll down the agenda and click on "presentations" as listed under the main speakers).

DTSC's first Nanotechnology Symposium was held on March 8, 2007 in Sacramento. The half-day event was very well attended and included excellent speakers and experts in this exciting field! Nanotechnology is definitely the wave of the future! In June 2006, National Geographic magazine made this observation...

"A tsunami is unnoticeable in the open ocean - a long, low wave whose power becomes clear only when it reaches shore and breaks...Nanotechnology has been around for two decades, but the first waves of applications are only now beginning to break. As it does, it will make the computer revolution look like small change."

For more information on Nanotechnology and upcoming events, keep visiting the DTSC Nanotechnology webpage at <http://www.dtsc.ca.gov/TechnologyDevelopment/Nanotechnology.cfm>.

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**DTSC Biomonitoring Symposium**

May 17, 2007 - Thursday  
9:00 am - 12:30 pm  
Cal/EPA Building  
1001 I Street  
Sacramento, California

Save this date!! DTSC is sponsoring a FREE, half-day biomonitoring symposium on Thursday, May 17, in Sacramento. Here's a great opportunity to learn more about biomonitoring and how it's used to protect human health and the environment!

Biomonitoring is the term most often used to describe the action of measuring the amount of chemicals or other physical agents (like dust or particulates) in the blood and tissues of humans or wildlife. Did you realize that if you have an annual checkup with a doctor, or track your cholesterol, you too are engaged in a form of biomonitoring? In a similar way, environmental biomonitoring tracks the effects of chemicals and agents found in our environment to help identify problems or potential areas of concern.

The goal of this symposium is to help educate legislators, government officials, and the public on the nature and benefits of biomonitoring, and its usefulness to California businesses and the public. The symposium will explore the linkage between the biomonitoring data we collect and the actions we can take to protect public health and the environment.

DTSC will post more information on this symposium soon. For more information on biomonitoring in general and for updates on this symposium, please periodically check the DTSC Biomonitoring webpage at <http://www.dtsc.ca.gov/AssessingRisk/EmergingContaminants.cfm>, or contact Kim Hooper at (510) 540-3499, or by email at [khooper@dtsc.ca.gov](mailto:khooper@dtsc.ca.gov).

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**DTSC Technical Resource Center in the Cal/EPA Library**

Have you made use of the DTSC Technical Resource Center yet? It's a great resource for information on a wide variety of topics related to hazardous waste. It's also an excellent resource for regulatory materials, including materials on enforcement and liability issues, community-right-to-know manuals, compliance guides, and information on environmental auditing and environmental management systems.

Marianne Leach, our DTSC librarian, recently put together a list of regulatory materials that are currently available in the Center. This list will be posted in the next couple weeks at <http://www.calepa.ca.gov/library/>. Whenever you find something on the list that would be useful to you, please feel free to come in or call Marianne to make arrangements to use the materials. While materials in the Cal/EPA library are generally not available for check-out by the general public, members of the public are very welcome to come to the library and use the materials there.

For more information on the Cal/EPA library, including hours, location and contacts, please visit the Cal/EPA Library webpage at <http://www.calepa.ca.gov/library/contacts.htm>, or contact Marianne Leach at (916) 324-5898, or by email at [mleach@dtsc.ca.gov](mailto:mleach@dtsc.ca.gov).

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**Environmental Law Institute**

Here's a good website to bookmark!

The Environmental Law Institute (ELI) is an independent, non-profit and non-partisan environmental education and policy research center located in Washington, D.C. ELI provides information, publications, training courses, seminars, research programs, and policy recommendations on environmental law to a worldwide audience, including environmental professionals in government, industry, public interest groups, and academia. ELI's mission is "to advance environmental protection by improving law, policy and management."

A really useful feature of the website is a publications page where you can browse available publications by topic. Many of the research documents can be downloaded for free, and others can be purchased online. Be sure to check out all the Pollution Prevention documents available from ELI at [http://www.elistore.org/topics\\_list.asp?topic=Pollution\\_Prevention](http://www.elistore.org/topics_list.asp?topic=Pollution_Prevention).

For more information on the Environmental Law Institute, please visit <http://www2.eli.org/index.cfm>.

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**SB 14 Planning and Reporting**

Do you know if your facility is subject to SB 14? Have you already prepared your hazardous waste source reduction plan and reports?

The Hazardous Waste Source Reduction and Management Review Act of 1989 (known as SB 14) was enacted to encourage companies to actively consider how they can reduce the amount of hazardous waste they generate. The law requires certain hazardous waste generators to review their operations every four years and identify possible opportunities to reduce or recycle their hazardous waste. If your facility generated more than 12,000 kilograms of hazardous waste in 2006, you may be subject to SB 14 planning and reporting requirements. Each generator subject to SB 14 needs to now prepare 3 documents: 1) a Source Reduction Evaluation Review and Plan; 2) a Hazardous Waste Management Performance Report; and 3) a Summary Progress Report. The plan and both reports are to be kept onsite for public or regulator review; and only the Summary Progress Report must be submitted to DTSC by September 1, 2007.

This spring and summer DTSC and several industry associations will be conducting SB 14 training sessions to help facilities determine if they are subject to SB 14 and provide guidance on how to prepare the necessary source reduction documents. To view a list of the upcoming SB 14 Training dates, locations and costs, please visit the DTSC website at <http://www.dtsc.com/PollutionPrevention/SB14/upload/SB14Training2007.pdf>.

For more information on SB 14 requirements, online guidance for preparing plans and reports, and training information, please visit the DTSC website at: [http://www.dtsc.ca.gov/PollutionPrevention/index.cfm#Hazardous\\_Waste\\_Source\\_Reduction](http://www.dtsc.ca.gov/PollutionPrevention/index.cfm#Hazardous_Waste_Source_Reduction), or contact the DTSC Source Reduction Unit at (916) 322-3670.

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**California Take-It-Back Partnership**

The California Take-It-Back Partnership has recently joined with several partners (including Channel 10/ABC News, the Los Angeles Aquarium, and the City of Long Beach) to sponsor E-Waste Roundups. The E-Waste Roundups are special e-waste collection events that allow local residents or employees of the participating companies to properly dispose of unwanted electronic items for FREE. Two recent Roundups (one in San Diego and one in Long Beach) collected over 70,000 pounds of e-waste from over 900 donors, including cell phones, computers, televisions and various other e-waste items. DTSC volunteers also assisted at the Leonardo DaVinci School in Sacramento when the school held an E-Waste Roundup earning \$10,000 for the school's Special Education Program.

For information on upcoming Roundups and how to participate as a partner, go to the DTSC Take-It-Back website at <http://www.dtsc.ca.gov/TIB/index.cfm>. For detailed information on these and other events, please contact Sandra Friedman at the DTSC Cypress office, at

(714)484-5383 or [sfriedma@dtsc.ca.gov](mailto:sfriedma@dtsc.ca.gov), or Mary Wesling at the DTSC Sacramento Headquarters office, at (916) 324-7031 or [mwesling@dtsc.ca.gov](mailto:mwesling@dtsc.ca.gov).

Additional information on e-waste management and collection events is also available on the California Integrated Waste Management Board's website at <http://www.ciwmb.ca.gov/electronics/Collection/RecyclerSearch.aspx>.

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**Los Angeles Industrial User Informational Workshop for Photo-processors**

March 21, 2007 - Wednesday  
10:00 am - 3:00 pm  
Grace E. Simons Lodge  
1025 Elysian Park Avenue  
Los Angeles, California 90026

The City of Los Angeles Department of Public Works, DTSC, and the Photo Marketing Association International are conducting a FREE training workshop on photo-processing waste management and environmentally sound methods for handling silver waste. The workshop is geared toward businesses located within the City of Los Angeles who perform photo-processing and operate a wastewater pretreatment system.

Major topics and issues to be discussed include:

- \*\*An orientation on the City's Pretreatment Industrial User Program;
- \*\*Why silver is a concern;
- \*\*Best management practices;
- \*\*Hazardous waste management;
- \*\*Pollution prevention alternatives;
- \*\*Inspector perspective/observation; and
- \*\*Pretreatment system technology.

For more information and reservations, please send an email to [san.iwmdworkshop@lacity.org](mailto:san.iwmdworkshop@lacity.org) or call (323) 342-6097 and leave a message with your name, name of your company, phone number, and the number of people in your party who will be attending the workshop. If you need information only, please feel free to call Nabil H. Yacoub at the DTSC Cypress office, at (714) 484-5389.

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**P2 HazWaste Corner**

**\*\*Clean Up Oil Spills the P2 Way (and Save the Kitty Litter for the Kitties!)\*\***

If your shop handles motor oil or other liquids (not caustic or acid), using absorbents like "kitty litter" to clean up spills can be messy and expensive. It also increases the amount of waste going into landfills. Instead of using absorbents, try this simple "4-step cleanup" method:

1. Determine how large the spill is and if you can clean it up with one to three shop rags. If you can soak up the spill with one to three rags, then go ahead and do that, as long as the rags aren't saturated (a rag is considered saturated if liquid can be wrung out of the rag). Then have the rags cleaned with your regular industrial laundry service.
2. If the spill is oily waste and more than what one to three rags can handle, then use the 4-step cleanup method on the spill, starting with a "hydrophobic mop", instead of using absorbent

material. A "hydrophobic mop" is similar to a regular mop, but it's made out of a plastic material that attracts only oil. A dedicated metal mop bucket and wringer should be used with the hydrophobic mop, and excess oil should be squeezed out and poured into your used oil tank or drum. The dedicated mop does not need to be cleaned between spills.

3. When you use a hydrophobic mop, any water or coolant mixed in with the oil will be left behind on the ground. Once the oil has been picked up, you can then use a conventional mop to pick up any remaining liquid. For automotive shops that have frequent spills of waste coolant, a dedicated mop and bucket for coolant is best. As with the mopped-up oil, mopped-up coolant can be squeezed out and collected in a container with other waste coolant.

4. Once the oil and water (or coolant) have been picked up, you should just be left with a damp spot on the floor. Use a shop rag to give this a final wipe, and you'll have a clean surface once again! If you like, you can give the area a final mop with soapy water.

For more detailed guidance on how to use the 4-step cleanup method, please visit the DTSC Pollution Prevention web page at:

[http://www.dtsc.ca.gov/PollutionPrevention/VSR/upload/P2\\_FLY\\_VSR\\_Spill\\_Prevention.pdf](http://www.dtsc.ca.gov/PollutionPrevention/VSR/upload/P2_FLY_VSR_Spill_Prevention.pdf)

For information on how to get a FREE hydrophobic mop, please visit [http://dtsc-](http://dtsc.ca.gov/PollutionPrevention/VSR/upload/P2_FLY_Mop.pdf)  
[cm/PollutionPrevention/VSR/upload/P2\\_FLY\\_Mop.pdf](http://dtsc.ca.gov/PollutionPrevention/VSR/upload/P2_FLY_Mop.pdf)

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